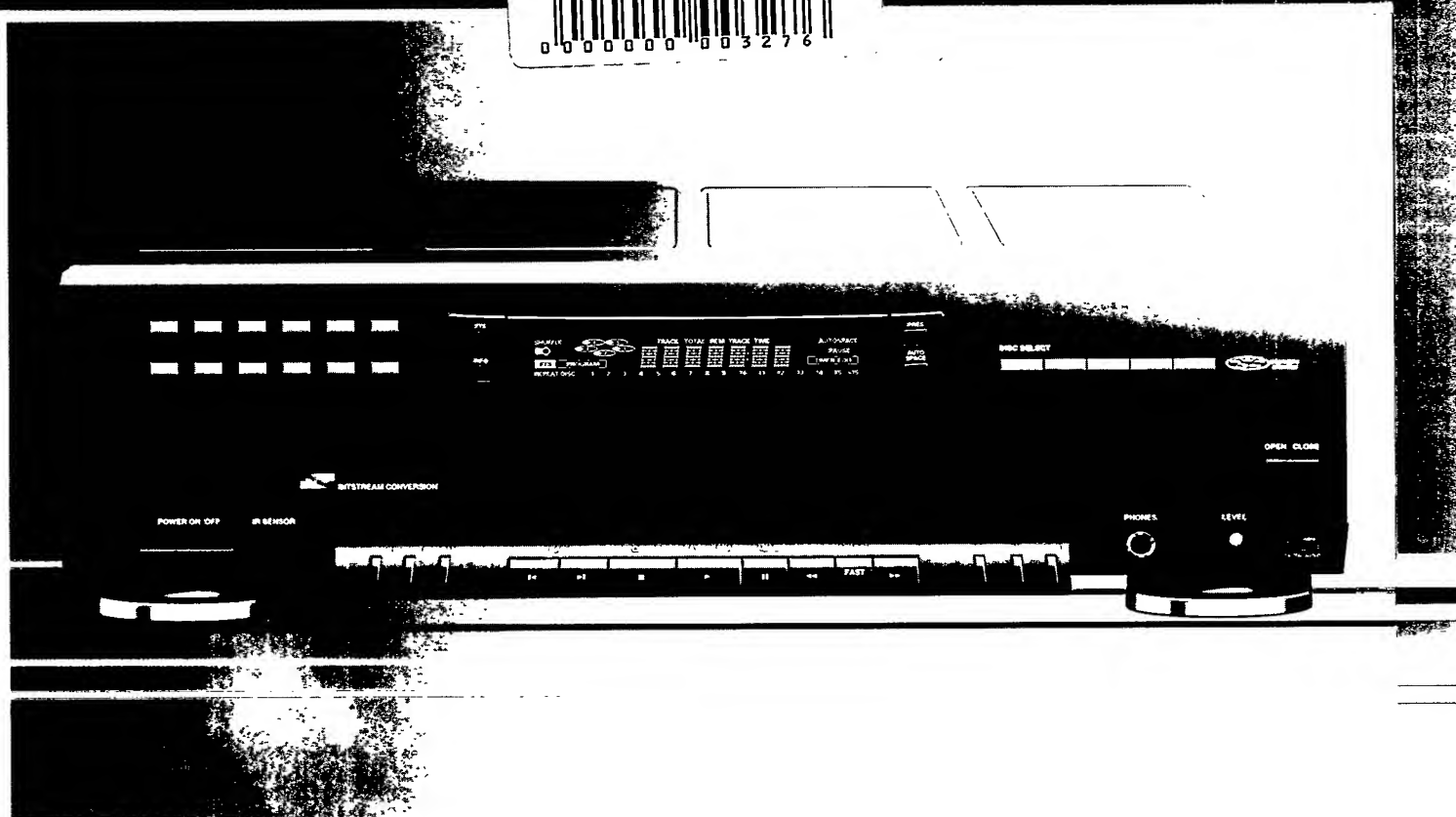


# PHILIPS



## CDC 935

Owner's Manual

Mode d'emploi

Instrucciones de manejo

(USA) Compact Disc Changer 3

(F) Changeur de CD 15

(E) Cambiador 'Compact Disc' 28



# PHILIPS

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# PHILIPS

## Congratulations On Your New Purchase ... And Welcome To The PHILIPS Family!

Dear PHILIPS Family Member:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today.

We appreciate your support, and we'll do everything we can do to keep you happy with your purchase for many years to come. After all, you're the reason we're in business!

As a PHILIPS family member, you're entitled to a world of special privileges - and our uncompromising commitment to your total satisfaction. Your PHILIPS product is protected by one of the most comprehensive warranties and outstanding service networks in the industry.

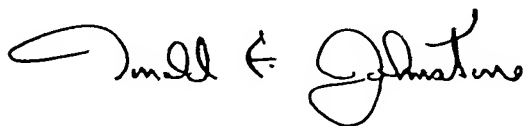
What's more, your purchase qualifies you to receive advance information on exciting new products from PHILIPS, convenient access to our home shopping network for special products and accessories, plus factory-direct rebates and discounts on your future PHILIPS purchases.

All of this is our way of saying 'thanks' for joining the PHILIPS family.

To start taking advantage of these great benefits, just remember to return your PHILIPS Owner's Registration Card.

Simply complete, detach and mail us your Owner's Registration Card today. And enjoy your new purchase with our best wishes!

Sincerely,



Donald F. Johnstone  
President and Chief Executive Officer

### For Customer Use:

Enter below the Serial No. which is located on the rear of the cabinet.  
Retain this information for future reference.

Model No. CDC 935

Serial No. \_\_\_\_\_

Please Follow These Three Important Steps To Get The Most From Your Product.

### RETURN YOUR OWNER'S REGISTRATION CARD WITHIN 10 DAYS.




Registering your purchase is an essential step to guarantee that you'll receive all of the benefits you're entitled to as a PHILIPS product owner.


Complete and mail your Owner's Registration Card today to ensure your right to warranty verification, owner confirmation, model registration, plus a wide variety of special services and savings.

1

### KNOW THESE SAFETY SYMBOLS.

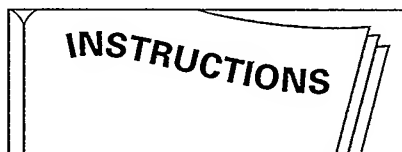


 This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

 This "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

2

### READ OPERATING INSTRUCTIONS CAREFULLY.



The information in this manual can help you take full advantage of your product's many features, and ensure years of safe, reliable operation. So don't miss out. Read the enclosed instructions, safety tips and warranty information today.


3

# SAFETY INSTRUCTIONS – Read before operating equipment

English

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

- 6A.  An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. **Grounding or Polarization** -

The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

**CAUTION:** To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.



AC Polarized Plug

11. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
12. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
13. **Power Lines** - An outdoor antenna should be located away from power lines.
14. **Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

16. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:  
A. The power-supply cord or the plug has been damaged; or  
B. Objects have fallen, or liquid has spilled into the appliance; or  
C. The appliance has been exposed to rain; or  
D. The appliance does not appear to operate normally or exhibits a marked change in performance; or  
E. The appliance has been dropped, or the enclosure damaged.
17. **Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

## WARNING

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

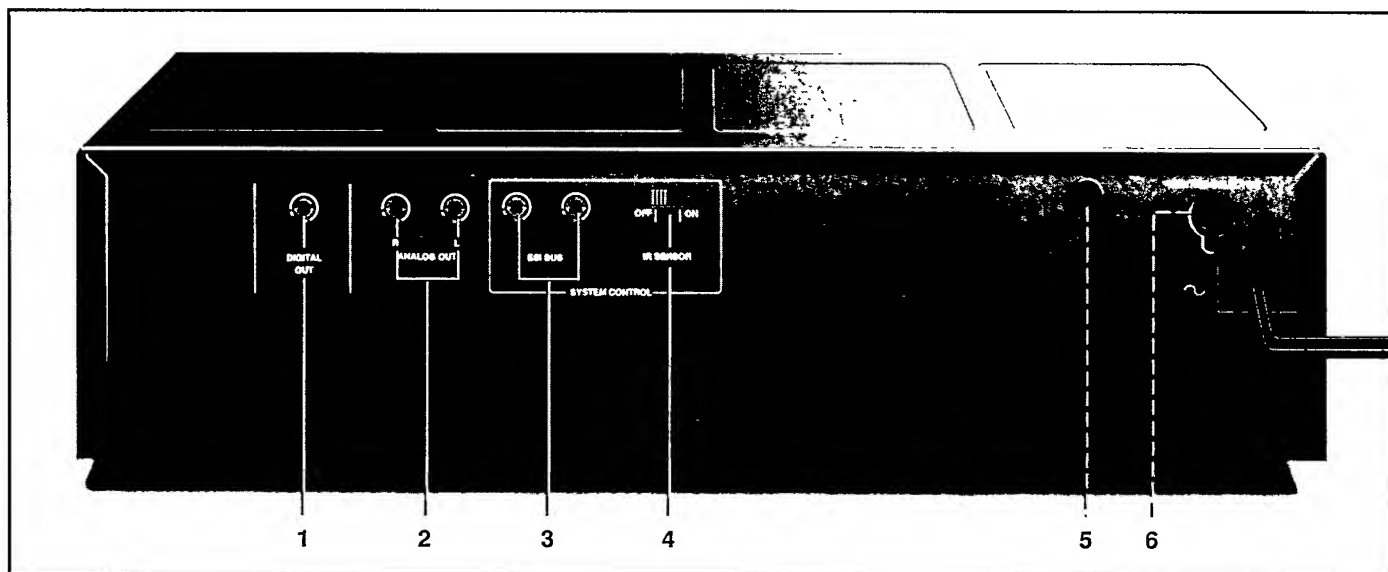
## CAUTION

**USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**

*This set complies with 21 CFR 1040.10 and with the FCC-Rules, Part 15*

## CDN Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.



## Thank you for selecting the Philips CDC 935 Compact Disc Changer.

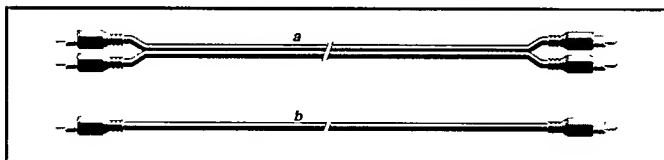
A Compact Disc Changer of the state-of-the-art Philips 900 series, the CDC 935 combines supreme playback quality with a high degree of user-friendliness. Your listening pleasure will be enhanced by features such as:

- changing Compact Discs during play;
- quick access to a particular CD by means of QUICK PLAY;
- storing 30 tracks from different CDs in any desired order in the changer memory;
- storing the required recording time and playing time in the EDIT mode;
- storing programs in the permanent (FTS) memory;
- storing personal preference settings in the PRESETS memory;
- **full integration** in ESI remote-controllable HiFi systems of the Philips 900 series.

## ACCESSORIES

With this changer are supplied:

- a connection cable, **a** (ANALOG OUT);
- a cinch lead, **b** (DIGITAL OUT);
- a remote control;
- batteries for the remote control.



## POWER SUPPLY SETTING

- Check that the type plate on the rear of your changer indicates the correct power voltage.
- If your power supply voltage is different, consult your dealer or a Philips Authorized Service Center.

Certain versions of this changer are equipped with a voltage selector (6), which enables you to set the changer to the correct power supply voltage yourself. When changing the voltage setting, it is also necessary to change the power fuse (5) to one of the correct rating:  
T200 mA (slow blow fuse) for 110/127 V;  
T100 mA (slow blow fuse) for 220 V - 230 V/ 230 V - 240 V.

## CONNECTIONS

### 1 DIGITAL OUT

This output jack supplies a digital signal. This jack must only be connected to an input which is suitable for this signal. Use here the cinch lead **(b)** supplied.

**Never** connect this jack to the non-digital input of an receiver or amplifier (such as AUX, CD, TAPE, PHONO, etc!).

### 2 ANALOG OUT

This output jack is used to supply non-digital signals to a receiver/amplifier. Use connection cable **(a)**.

- Insert a red plug into the 'R' jack and the other plug into the 'L' jack.
- Insert the remaining two plugs into the corresponding jacks of the CD (or AUX) input of your amplifier. You can also use the TUNER or TAPE IN connection, but **never** the PHONO input!

### 3 ESI BUS (Enhanced System Intelligence)

For incorporating the changer in a HiFi system with ESI BUS connection (e.g. the PHILIPS 900 series) or its own remote control system.

### 4 IR SENSOR OFF ON

Switching the I(nfra) R(ed) SENSOR on and off.

### IMPORTANT!

When the changer is incorporated in a HiFi system **with** ESI BUS connection, this switch should **always** be in the **OFF** position.

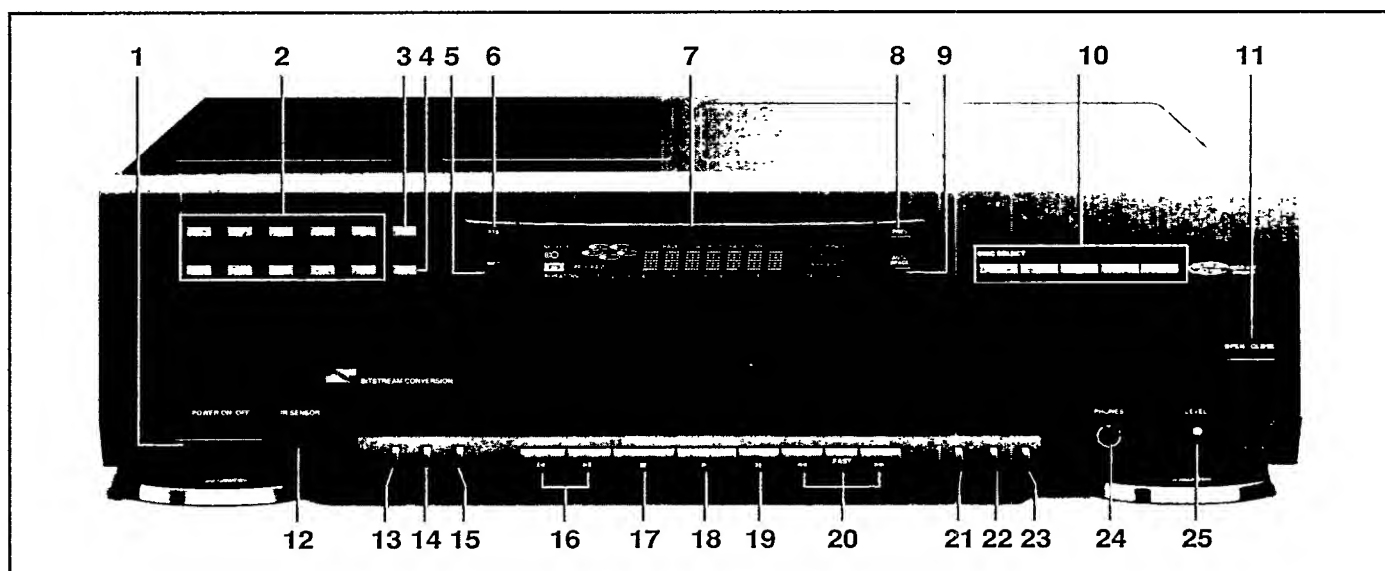
When the changer is **not** incorporated in a HiFi system with ESI BUS connection, the switch should be in the **ON** position. When switching the IR SENSOR on and off, the CD changer should always be **switched off**.

### 5 Power fuse holder (not all versions)

See 'POWER SUPPLY SETTING'.

### 6 Voltage selector (not all versions)

See 'POWER SUPPLY SETTING'.



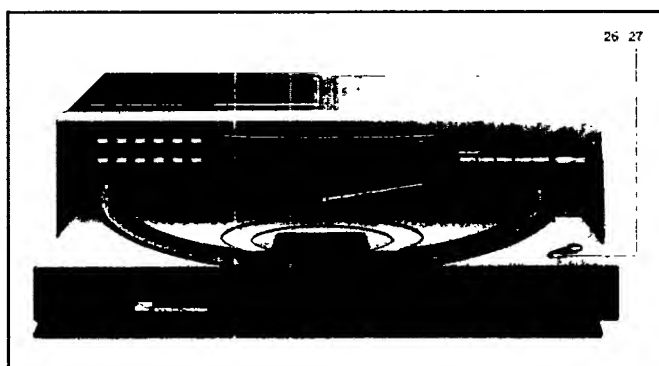
## FRONT OF PLAYER

- 1 POWER STANDBY/OFF** – Switching on and off.
- 2 0-9 digit buttons**
  - Selecting another track during play.
  - Selecting a track to start play with.
  - Selecting tracks when compiling a program.
  - Selecting the recording time when making a tape recording (EDIT).
  - Selecting the playing time in the TIMER EDIT mode.
  - Entering personal preference settings (PRESETS).
- 3 P(rogram)**
  - Opening and closing the memory when compiling a program.
  - Storing a program in the FTS memory.
- 4 C(ancel)**
  - Erasing track numbers from a program.
  - Erasing favorite track selections from the FTS memory.
- 5 INFO** – Checking the FTS and PRESETS memory.
- 6 FTS** – Activating the FTS memory (FTS = Favorite Track Selection).
- 7 Display** – Informs you about the functioning of the changer.
- 8 PRES(ets)** – Activating the PRESETS memory when entering personal preference settings.
- 9 AUTO SPACE** – Automatic insertion of an extra pause between tracks.
- 10 DISC SELECT**
  - Selecting another CD during play.
  - Selecting a CD to start play with.
  - Selecting CDs when compiling a program.

The **DISC** button on the remote control has the same function.
- 11 OPEN/CLOSE** – Opening and closing the CD compartment.
- 12 I(nfra) R(ed) SENSOR** – Receives the signals from the remote control.
- 13 REVIEW** – Reviewing a program.
- 14 SHUFFLE** – Playing in random order.
- 15 SCAN** – Automatically playing the beginning of each track.
- 16 ◀ TRACK ▶**
  - Selecting another track during play.
  - Selecting a track to start play with.
  - Selecting the recording time when making a tape recording (EDIT).
  - Selecting the playing time in the TIMER EDIT mode.

The **PREV** (= ◀ TRACK) and **NEXT** (= TRACK ▶) buttons on the remote control have the same function.

- 17 STOP/CP**
  - Stopping play.
  - Erasing a program (CP = Clear Program).
- 18 PLAY/REPLAY**
  - Starting play.
  - Returning to the beginning of a track.
- 19 PAUSE** – Interrupting play.
- 20 ◀◀ SEARCH ▶▶** – Fast search to a particular passage during play.  
When used in conjunction with **FAST** the search speed is increased.
- 21 EDIT**
  - Entering the recording time when making a tape recording.
  - Entering the playing time in the TIMER EDIT mode.
- 22 TIME** – Selecting the time information you want to see
- 23 REPEAT** – Repeating play.
- 24 PHONES** – Connecting headphones.
- 25 LEVEL** – Adjusting the volume when listening with headphones.
- 26 QUICK PLAY** – Immediate playing of a particular CD.
- 27 LOAD** – Rotating the turntable in the CD compartment when inserting CDs.



## REMOTE CONTROL

- The buttons on the remote control have the same functions as the corresponding ones on the changer;
- The life of the batteries in the remote control is around one year. For replacement use only RO3, UM4 or AAA batteries.

### IMPORTANT!

When the changer is incorporated in a HiFi system with ESI BUS connection, the IR SENSOR OFF ON switch (4) on the back of the changer should **always** be in the **OFF** position. The changer can then be operated with the remote control of the system.

When the changer is **not** incorporated in a HiFi system with ESI BUS connection, the switch should be in the **ON** position. The changer can then be operated with the remote control supplied.

When switching the IR SENSOR on and off, the CD changer should always be **switched off**.

## DISPLAY



**SHUFFLE** – Lights up when the tracks are played in random order.

**IR** – Lights up when the changer receives a command from the remote control (IR SENSOR ON).

### FTS

- Flashes after the FTS key has been pressed.
- Lights up when an FTS program is played.

**REPEAT DISC** – Lights up when you repeat a CD.

**REPEAT** – Lights up when you repeat all CDs or a program from them.

### 1-5 CD number indicator

- Flashes when you switch the changer on.
- Indicates the number of CDs in the CD compartment.
- Indicates what CD is being played.

### PROGRAM

- Flashes when a program is being compiled.
- Lights up when a program is being played.

### TRACK

- Indicates:
- what track is being played;
- the number of tracks on a CD or in a program.

**TRACK TIME** – Indicates the elapsed playing time of the track being played.

**REM(aining) TRACK TIME** – Indicates the remaining playing time of the track being played.

**TOTAL REM(aining) TIME** – Indicates the remaining playing time of a CD.

**TOTAL TIME** – Indicates the total playing time of a CD.

**AUTOSPACE** – Lights up when an extra pause is inserted between the different tracks.

**PAUSE** – Lights up when play is interrupted.

**EDIT** – Lights up when the changer is put into the EDIT mode.

**TIMER EDIT** – Lights up when the changer is put into the TIMER EDIT mode.

**1-15 track number indicator** – Shows the number of tracks on a CD.

**+15** – Lights up when there are more than 15 tracks on a CD.

**NO DISC** – Lights up when there are no CDs in the CD compartment.

**ERROR** – Lights up when you make a mistake while operating the changer.

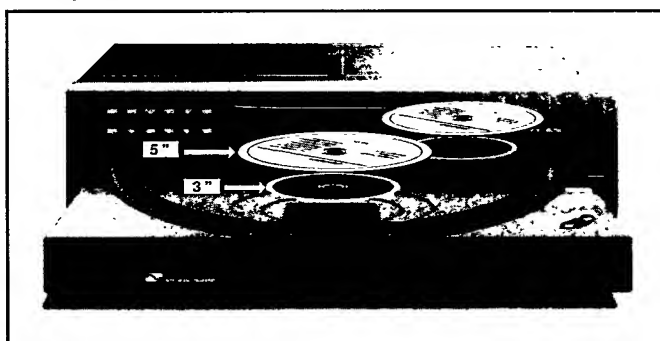
**- - - - -** – Flashes when a CD's contents list is being scanned.

**GO TO PLAY** – Lights up when you try to activate a function for which you must first start play.

**GO TO STOP** – Lights up when you try to activate a function for which you must first stop play.

## INSERTING THE CDs

- Press POWER STANDBY/OFF (1) to switch the changer on.
- The changer will now start CD detection to check how many CDs there are in the CD compartment. The turntable will rotate slowly until all positions in the CD compartment have been checked.
- After CD detection the display will show the number of CDs in the CD compartment (X DISC).
- Open the CD compartment by pressing OPEN/CLOSE (11).
- **OPEN** lights up.
- Insert the CDs, **printed side up**.
- Use the LOAD button (27) to rotate the turntable in the CD compartment.



- Close the compartment by pressing OPEN/CLOSE (1).
- **CLOSE** lights up.
- The changer will start CD detection again, after which the display will show the number of CDs in the CD compartment (X DISC).

### NOTE!

- Use the PREFERRED POSITION in the CD compartment if you wish to play only *one* CD and then start play by pressing the QUICK PLAY button (26). Play will then start immediately with the inserted CD.
- CD detection may *never* be interrupted. If, during detection, you press any button, then the changer will stop detection and the display will give an incorrect indication of the number of CDs in the CD compartment.
- **Always** remove all CDs from the CD compartment if you want to transport the changer.

**PLAYBACK (PLAY/REPLAY)**

- Press PLAY/REPLAY (18).  
— — — — — flashes and play starts from the CD with the lowest number.
- The CD number indicator (1-5) always shows what CD is being played (► X) and the track number indicator (1-15) shows how many tracks are on the CD; when a track has been played, its number disappears.
- The track being played is always shown under TRACK, and its elapsed playing time is shown under TRACK TIME.
- Play will stop after the last CD.
- Press POWER STANDBY/OFF (1) to switch the changer off.

**NOTE!**

- You can also press PLAY/REPLAY (18) immediately after inserting the CDs; the compartment then closes automatically.
- You can interrupt playback by pressing PAUSE (19); PAUSE then lights up. Press PLAY/REPLAY to restart; if you *first* press PAUSE again and *then* PLAY/REPLAY, the current track will start again from the beginning.
- If you press PLAY/REPLAY *during play*, the current track will start again from the beginning.
- You can stop playback by pressing STOP/CP (17).
- If you press OPEN/CLOSE (11) *during play*, the CD compartment will open while play continues. The three CDs *outside* the changer may now be changed without playback being interrupted.

**SELECTING ANOTHER TRACK DURING PLAY (0-9)**

- Key in the desired track number (on the current CD); numbers consisting of two figures must be keyed in **within 2 seconds**.
- The music stops and a moment later the selected track begins to play.

You can also select the number by using TRACK ►I or ◀ TRACK (16).

**SELECTING ANOTHER CD DURING PLAY (DISC SELECT)**

- Select the number of the required CD using DISC SELECT (10).
- The music stops and a moment later the selected CD begins to play.

You can also select the number by using the DISC button on the remote control.

**WRONG DISC** lights up if you select a non-existent number.

**SEARCHING FOR A PASSAGE DURING PLAY (◀◀ SEARCH ►►)**

- Hold ◀◀ (20) down to search backwards to the beginning.
- Hold ►► (20) down to search forwards to the end.

The searching speed is determined by how long a key is pressed:

- the first 2 seconds fairly slowly, with sound;
- then at the maximum speed, with no sound.

If you reach the end of the last track and release ►►, play will resume a few seconds before the end of the CD.

**Fast search for a passage:**

- Press FAST.
- FAST lights up.
- Press ◀◀ or ►►.

At this speed no sound is audible.

**STARTING WITH A PARTICULAR CD (DISC SELECT)**

- Select the number of the required CD using DISC SELECT (10).
- If the CD compartment was open, it will now close.
- Play starts from the selected CD.

You can also select the number by using the DISC button on the remote control.

**WRONG DISC** lights up if you select a non-existent number.

**STARTING WITH A PARTICULAR TRACK (0-9)**

- First select the number of the required CD using DISC SELECT (10) or DISC (on the remote control).
- Then key in the required track number (numbers consisting of two figures must be keyed in **within 2 seconds**).
- If the CD compartment was open, it will now close.
- Play starts from the selected track.

You can also select the (track) number by using TRACK ►I or ◀ TRACK (16) and then pressing PLAY/REPLAY (18).

**SCANNING THE CD'S (SCAN)**

- Press SCAN (15) before or during play.
- If the CD compartment was open, it will now close.
- **SCAN** lights up and the first 10 seconds of each track are played in turn.
- 10 seconds are counted down each time under REM(aining) TRACK TIME.
- **SCAN** lights up before each new track.
- When the player reaches a track which you wish to hear in full, press SCAN again or PLAY/REPLAY (18).

Other scan times can be entered in the PRESETS mode. For this refer to 'PERSONAL PRESETS' on page 11.

**PLAYING THE CD IN RANDOM ORDER (SHUFFLE)****All CDs:**

- Press SHUFFLE (14) before or during play.
- If the CD compartment was open, it will now close.
- SHUFFLE lights up and all the tracks are now played in a random order.
- Press SHUFFLE again if you wish to return to normal play.

If you press ◀ TRACK (16), the current track will be started again.

If you press TRACK ►I (16), you will select any one of the following tracks.

**One CD:**

- Select the number of the required CD using DISC SELECT (10) or DISC (on the remote control).
- Press SHUFFLE (14).
- DISC and SHUFFLE light up; the tracks of the selected CD will now be played in a random order.
- Press SHUFFLE again if you wish to return to normal play.

If you press ◀ TRACK (16), the current track will be started again.

If you press TRACK ►I (16), you will select any one of the next tracks.

If you press REPEAT (23), the tracks will be repeated in a different order each time, although the first track will always be the same.



## REPEATING A CD (REPEAT)

- Press REPEAT (23) during playback of the CD.
- REPEAT DISC lights up; the CD will now be repeated continuously.
- Press REPEAT *twice* to stop the track being repeated.

## REPEATING ALL CDs (REPEAT)

- Press REPEAT (23) *twice* before or during playback.
- REPEAT lights up; all CDs will now be repeated continuously.
- Press REPEAT again to stop the CDs being repeated.

## CALLING UP OTHER TIME INFORMATION (TIME)

- Press TIME (22) whenever you want to know the remaining playing time of the track being played (REM TRACK TIME).
- Press TIME again if you wish to know the remaining playing time of the entire CD (TOTAL REM TIME).
- Press TIME again if you wish to return to the elapsed playing time indication of the current track (TRACK TIME).

## INSERTING AN EXTRA PAUSE (AUTO SPACE)

- Press AUTO SPACE (9).
- AUTOSPACE lights up; during play an extra pause of 4 seconds will be inserted between the different tracks.
- Press AUTO SPACE again to delete the extra pause.

Other pause times can be entered in the PRESETS mode. For this refer to 'PERSONAL PRESETS' on page 11.

## STORING A PROGRAM (PROGRAM)

By programming the changer you can play up to 30 tracks in any required sequence.  
FULL lights up if you exceed the maximum of 30 tracks.

- In STOP mode, press P(rogram) (3) to open the memory.
- PROGRAM lights up and PROGRAM starts flashing.
- Select the number of the first required CD using DISC SELECT (10) or DISC (on the remote control).
- Key in the required track numbers of this CD using the 0-9 digit buttons (2).
- Every track number you enter in this way will be included immediately in the program.
- The display always shows the number of tracks in your program.
- If you wish to store tracks from another CD, you should first enter the number of the CD.
- Press P(rogram) (3), STOP/CP (17) or PLAY/REPLAY (18) to quit the PROGRAM mode.

WRONG TRACK will light up if you select a non-existent track number.

WRONG DISC will light up if you select a non-existent CD number.

## CHECKING THE PROGRAM (REVIEW)

- Press REVIEW prior to, during or after programmed play.
- All CD and track numbers appear in the programmed sequence on the display.

NO PROGRAM will light up if no track numbers have yet been stored.

With REVIEW (13) you can proceed more rapidly to the next block of information.

## PLAYING THE PROGRAM (PLAY/REPLAY)

- Press PLAY/REPLAY (18).
- Playback starts with the first number of the program.

The EDIT (21), P(rogram) (3), C(ancel) (4), PRES(ets) (8), INFO (5) and FTS (6) buttons *cannot* be used during programmed play; search for a particular passage is only possible within the track being played.

## ERASING A PROGRAM (STOP/CP or OPEN/CLOSE)

- Press STOP/CP (17) twice or, if the CD has already stopped, just once; you can also press OPEN/CLOSE (11) straightaway.
- The program has now been erased.

## ERASING A TRACK FROM THE PROGRAM (CANCEL)

- Press REVIEW (13) before or after programmed play (in STOP mode).
- All CD and TRACK numbers appear in the programmed sequence on the display.
- Press C(ancel) (4) as soon as the number you wish to erase appears.
- The number has now been erased.

NO PROGRAM will light up if no track numbers have yet been stored, and/or if you have not pressed REVIEW (13) first before cancelling.

A programme of a given CD can also be stored in the changer's permanent (FTS) memory. Your favorite track selection of this CD can then be called up and played whenever you wish.

The selection will remain stored in the FTS memory even if you play the entire CD or compile a different program from it. The number of CDs which can be stored in the FTS memory depends on the number of tracks in each program.

**NOTE!**

The FTS button (6) must always be used together with other buttons. After pressing FTS, the message *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.

Press the next button **within the time** this message is displayed, otherwise the changer will go back to the STOP mode.

### STORING A FAVORITE TRACK SELECTION (FTS and PROGRAM)

- Press FTS (6).
- FTS starts flashing.
- *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.
- Select the number of the required CD using DISC SELECT (10).
- Press P(rogram) (3) to open the memory.
- Key in the required track numbers of this CD using the 0-9 digit buttons (2).
- Press P(rogram) again.
- FTS lights up, with next to it the ranking number of this program.
- The selection is now stored in the FTS memory under this number.

**NOTE!**

- If a selection of a particular CD has already been stored, then it is automatically erased and the new selection is stored under the old ranking number.
- If *NO SPACE* appears, then the FTS memory is full: you must erase one or more old FTS programs to make room to store the new program. See: 'ERASING A FAVORITE SELECTION'.

### CHECKING THE FTS MEMORY (INFO)

- Press INFO (5) (in STOP mode).
- INFO lights up and *INFO FTS-PRESETS* appears on the display.
- Press FTS (6) **within the time** the message *INFO FTS-PRESETS* is lit up.
- All FTS program numbers appear on the display one after another.
- With TRACK ► (16) you can proceed more rapidly to the next block of information.
- Press STOP/CP (17) or FTS again to go back to the STOP mode.

### FTS PROGRAMMED PLAY (FTS and PLAY/REPLAY)

- Press FTS (6).
- FTS starts flashing and *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.
- Select the number of the required CD using DISC SELECT or DISC (on the remote control).
- Press PLAY/REPLAY (18) (or SHUFFLE 14).
- The chosen selection will now be played (in a random order).
- Press STOP/CP (17) twice if you wish to revert to normal play.

If you have not selected a disc number before pressing PLAY/REPLAY (18) (or SHUFFLE 14) then the FTS program of the disc with the lowest number will be played.

If *NO FTS PROGRAM* appears, no favorite selection has been stored.

The EDIT (21), P(rogram) (3), C(ancel) (4), PRES(ets) (8), INFO (5) and FTS (6) buttons *cannot* be used during FTS programmed play; search for a passage is only possible in the track which is being played.

### ERASING A FAVORITE TRACK SELECTION (FTS and CANCEL)

- Press FTS (6).
- FTS starts flashing.
- *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.
- Press C(ancel) (4).
- CLR 000 lights up.
- Select the ranking number of the selection you wish to erase, by using TRACK ► or ◀ TRACK (16).
- Press C(ancel) again.
- FTS CANCELLED lights up.
- The selection has now been erased.

#### If you do not know the ranking number:

- Load the CD and close the CD compartment.
- Press FTS (6).
- FTS starts flashing.
- *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.
- Select the number of the required CD using DISC SELECT (10).
- Press C(ancel) (4).
- CLR lights up, with next to it the ranking number of this program.
- Press C(ancel) again.
- FTS CANCELLED lights up.
- The selection has now been erased.

*NO FTS PROGRAM* will light up if no favorite selection has been stored.

### ERASING THE ENTIRE FTS MEMORY (FTS, REPEAT and CANCEL)

- Press FTS (6).
- FTS starts flashing and *FTS SELECT DISC-PROGRAM-PLAY-SHUFFLE-CANCEL* appears on the display twice.
- Press REPEAT (23) and C(ancel) (4) *simultaneously*.
- CLR ALL lights up.
- Press C(ancel) again.
- CANCEL lights up, followed by *ALL FTS CANCELLED*.
- The entire FTS memory has now been erased.

*NO FTS PROGRAM* will light up if no favorite selections have been stored.

FTS *ACTIVE* will light up if you press a 'wrong' key while erasing.

## LISTENING WITH HEADPHONES (PHONES)

- Connect headphones with a 2/8" (6.3 mm) jack plug to the PHONES jack (24).
- The sound level is adjusted with the LEVEL control (25).

## PERSONAL PRESETS (PRESETS)

In the PRESETS mode you can store your preferred settings for a number of functions in the changer's memory. All settings will remain stored in the memory, even if you switch the changer off. **PRESETS ACTIVE** lights up if you press a 'wrong' key while setting.

## Opening the PRESETS memory

- Press PRES(ets) (8).
- **PRESETS SPACE-SCAN-PLAY** appears on the display twice.
- While this message is being displayed the PRESETS memory is open. The first setting should therefore be selected **within this time**, otherwise the changer will go back to STOP mode.
- **You can now set the following functions in any required order:**

## Extra pause (AUTO SPACE)

- Press AUTO SPACE (9).
- **SPACE** lights up with next to it the set pause time.
- Key in the required pause time; minimum 0 seconds and maximum 9 seconds.
- **PRESET STORED** lights up; the extra pause has now been set.
- Select the next setting or press STOP/CP (17), PRES(ets) (8) or AUTO SPACE (9) again to go back to the STOP mode.

## Scan time (SCAN)

- Press SCAN (15).
- **SCAN TIME** lights up with the set scan time.
- Key in the required scan time; minimum 10 seconds and maximum 30 seconds.
- **PRESET STORED** lights up; the scan time has now been set.
- Select the next setting or press STOP/CP (17), PRES(ets) (8) or SCAN (15) again to go back to STOP mode.

## Play mode (PLAY)

Depending on the play mode you select, after switching the changer on, play will automatically begin with:

- all CDs (AUTO-PLAY);
  - the tracks of the CDs in a random order (AUTO-SHUFFLE);
  - the FTS programs of the CDs (AUTO-FTS-PLAY);
  - the FTS programs in a random order (AUTO-FTS-SHUFFLE);
- If you select AUTO-STOP, then you must start play yourself with PLAY/REPLAY (18), SHUFFLE (14) or SCAN (15).
- Press PLAY/REPLAY (18).
  - **AUTO STOP-PLAY-SHUFFLE-FTS** appears on the display twice.
  - Select the desired play mode **within the time** this message is displayed, otherwise the changer will go back to STOP mode.
  - If you press STOP/CP (17) (= AUTO-STOP), PLAY/REPLAY (18) (= AUTO-PLAY) or SHUFFLE (14) (= AUTO-SHUFFLE), then **PRESET STORED** will light up; the play mode has been set.
  - If you press FTS (6), then **FTS PLAY-SHUFFLE** will appear on the display.
  - You can now select AUTO-FTS-PLAY or AUTO-FTS-SHUFFLE by pressing the PLAY/REPLAY (18) or SHUFFLE (14) button.
  - **PRESET STORED** lights up; the (FTS) play mode has been set.
  - Select the next setting or press STOP/CP (17), PRES(ets) (8) or FTS (6) again to go back to STOP mode.

## Checking the PRESETS memory (INFO)

- Press INFO (5) (in STOP mode).
- **INFO** lights up and **INFO FTS-PRESETS** appears on the display.

- Press PRES(ets) (8) **within the time** the message **INFO FTS-PRESETS** is lit up.
- All settings will now be shown on the display.
- With TRACK ► (16) you can proceed more rapidly to the next block of information.
- Press STOP/CP (17) or PRES(ets) (8) again to go back to STOP mode.

## EDIT

The EDIT function has a recording mode (EDIT COMPILE) and a play mode (TIMER EDIT).

- In the EDIT COMPILE mode you can store the recording time of the tape in the changer memory. The unit determine which tracks fit on one side of the tape and will stop automatically after the last track has played.
- In the TIMER EDIT mode you can store a required playing time. If necessary, the CD or the program you wish to play will be partly repeated to fill the entered time.

## NOTE!

The EDIT function **cannot** be used for CDs containing more than 29 tracks. **EDIT NOT POSSIBLE** will light up if a CD contains more than 29 tracks.

## Recording in the EDIT COMPILE mode:

- Press EDIT (21) (while unit is in STOP mode).
- **EDIT** lights up and **COMPILE** appears in the display, followed by **C 30**.
- With **◀ TRACK ▶** (16) you can now select the required recording time: **C 30**, **C 45**, **C 60**, **C 90**, **C 100** or **C 120**. Other recording times can be selected using the 0-9 digit keys (2).
- **You can now record an entire CD or a program (from one or more CDs):**
- **recording an entire CD:**
- Select the number of the desired CD using DISC SELECT (10) or DISC (on the remote control).
- Playback starts immediately with the selected CD.
- After each track an extra pause of 4 seconds (or the pause time set in the PRESETS mode) will be inserted.
- **AUTOSPACE** lights up.
- After the last track that fits on side A of the tape, the CD player will go into PAUSE mode; **EDIT PAUSE** lights up.
- Turn the tape over or select the tape travel direction for side B.
- Press PLAY/REPLAY (18).
- The remaining tracks will now be played.
- After the last track play will stop.
- If, after the last track of the CD, there is still enough space available on side B, then the turntable will rotate to the next CD in the CD compartment to record some more tracks from this CD (this will also happen if the last track has been recorded on side A).
- Press STOP/CP (17) if this is not required
- **recording a program:**
- Compile your program (from one or more CDs) as described in the 'PROGRAMMING' section (the program can also be stored in advance).
- Press PLAY/REPLAY (18) to start play.
- After each track an extra pause of 4 seconds (or the pause time set in the PRESETS mode) will be inserted.
- **AUTOSPACE** lights up.
- After the last track that fits on side A of the tape, the CD player will go into PAUSE mode; **EDIT PAUSE** lights up.
- Turn the tape over or select the tape travel direction for side B.
- Press PLAY/REPLAY.
- The remaining tracks will now be played.
- After the last track play will stop; **EDIT CANCELLED** lights up.

**NOTE!**

- As soon as you press PLAY/REPLAY the other changer functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; **EDIT ACTIVE** lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP; **EDIT CANCELLED** then lights up.
- Should the CD or the program be longer than the *total* recording time of the tape, play will stop after the last track that fits onto side B of the tape.
- Should the first track of the CD or the program be longer than one side of the tape (= the entered recording time divided by two), then **WRONG TIME** will light up. You will now have to enter another recording time.
- The EDIT COMPILE function will be cancelled if the CD changer (or the system) is set to STAND BY mode

**Playback in the TIMER EDIT mode:**

- Press EDIT (6) *twice* (in STOP mode).
- TIMER EDIT lights up and **TIMER** appears in the display, followed by **30 MIN**.
- Select the required playing time with **◀ TRACK ▶** (16) or the 0-9 digit keys (2): **30 MIN**, **45 MIN**, **60 MIN**, **90 MIN**, **100 MIN** or **120 MIN**.
- During the entered playing time you can now play an entire CD, a program (from one or more CDs) or tracks from different CDs in a random order:

**playing a CD:**

- Select the number of the required CD using DISC SELECT (10) or DISC (on the remote control).
- Play starts immediately with the selected CD.  
You can also press SHUFFLE (14) *immediately* after selecting the CD; the tracks will then be played in a random order.
- If necessary, the CD will be partly repeated to fill the entered time; if there are more CDs in the CD compartment, play will continue with the next CD.
- At the end of the entered playing time play will stop.
- **EDIT CANCELLED** lights up.

**playing a program:**

- Compile your program (from one or more CDs) as described in the 'PROGRAMMING' section (the program can also be stored in advance).
- Press PLAY/REPLAY (18) or SHUFFLE (14) to start play.
- If necessary, the program will be partly repeated to fill the entered time.
- At the end of the entered playing time play will stop.
- **EDIT CANCELLED** lights up.

**playing tracks from different CDs in a random order:**

- Press SHUFFLE (14).
- During the entered playing time tracks from different CDs will be played in a random order.
- At the end of the entered playing time random play will stop.
- **EDIT CANCELLED** lights up.

**NOTE!**

- As soon as you press PLAY/REPLAY (18) or SHUFFLE (14) the other changer functions (except TIME and REVIEW) will temporarily be switched off; **EDIT ACTIVE** lights up if you press one of the other buttons during play.
- You can stop playback by pressing STOP/CP (17); **EDIT CANCELLED** then lights up.
- The TIMER EDIT function will be cancelled if the CD changer (or the system) is set to STAND BY mode.

**ENHANCED SYSTEM INTELLIGENCE (ESI)**

If the changer is connected via the ESI BUS sockets to the ESI BUS sockets of a HiFi system (e.g. the PHILIPS 900 series), the changer can be operated via the remote control of the system. In addition, the functions mentioned below are then accessible (if available in the system):

**NOTE!**

When using any of the following functions the IR SENSOR of the changer should be switched **off** (switch 4 on the back of the changer).

When switching the IR SENSOR on and off, the CD changer always has to be **switched off**.

**CD DUBBING (synchronized recording)**

- Set the changer to the STOP mode.
- Select the **↔** (auto reverse) mode (if available) on the cassette deck
- Press CD SYNC. (CD DUBBING) on the cassette deck.
- Playback starts (*from the CD with the lowest number*) but nothing is being recorded yet; you can now adjust the recording level.
- Press PLAY on the cassette deck.
- Recording starts and after 6 seconds play starts again at the beginning of the CD which has just been playing.
- After each track an extra pause of 4 seconds (or the pause time set in the PRESETS mode), will be inserted.
- AUTOSPACE lights up.
- If you record a program from different CDs the cassette deck will go into PAUSE mode when the CD changer selects a new CD in the CD compartment. As soon as playback of the new CD starts, the deck will continue the recording.
- At the end of side A of the tape, synchronized recording will stop, except when the **↔** (auto reverse) mode has been selected on the cassette deck; the CD player will then go into PAUSE mode. The tape travel direction for side B will be selected automatically and the current track will be recorded *again* on side B of the tape.
- After the last track synchronized recording will stop.

**Synchronized recording in combination with EDIT COMPILE:**

- Set the player to the EDIT COMPILE mode.
- Select the required recording time (see: 'Recording in the EDIT COMPILE mode' on page 11).
- Select the **↔** (auto reverse) mode (if available) on the cassette deck
- Press CD SYNC. (CD DUBBING) on the deck.
- Playback starts but nothing is being recorded yet; you can now adjust the recording level.
- Press PLAY on the cassette deck.
- Recording starts and after 6 seconds play starts again at the beginning of the CD or the program.
- After each track an extra pause of 4 seconds (or the pause time set in the PRESETS mode), will be inserted.
- AUTOSPACE lights up.
- If you record a program from different CDs the cassette deck will go into PAUSE mode every time the CD changer selects a new CD in the CD compartment. As soon as playback of the new CD starts, the deck will continue the recording.
- After the last track that fits on side A of the tape, the CD player will go into PAUSE mode; **EDIT PAUSE** lights up. A blank section will be recorded until the end of side A.
- At the end of side A of the tape synchronized recording will stop, except when the **↔** (auto reverse) mode has been selected on the cassette deck; the tape travel direction for side B will be selected automatically and synchronized recording will continue on side B of the tape.

**If you record a program:**

- Synchronized recording will stop after the last track; **EDIT CANCELLED** lights up.

**If you record an entire CD:**

- If, after the last track of the CD, there is still enough space available on side B, then the deck will go into PAUSE mode.
- The turntable will rotate to the next CD so that some more tracks can be recorded from this CD (this will also happen if the last track has been recorded on side A).
- As soon as playback of the new CD starts, the deck will continue the recording.
- Press STOP/CP (17) if this is not required

**NOTE!**

- As soon as you start recording, the other changer functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; **CD-DUBBING ACTIVE** lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP (17); **CD-DUBBING CANCELLED** then lights up.
- The CD DUBBING function will be cancelled if the CD changer (or the system) is set to STAND BY mode

**AUTOMATIC SOURCE SELECTION**

If the AUTO SELECT button on the receiver/amplifier is pressed, the CD changer will automatically be activated as soon as you press QUICK PLAY (26) or PLAY/REPLAY (18).

**AUTOMATIC STOP**

If the AUTO SELECT button on the receiver/amplifier is pressed, the CD changer will automatically go into the PAUSE mode as soon as another source in the system is selected (except when CD DUBBING is active).

**STAND BY**

- With the STAND BY button on the remote control of the system, you can set the changer to STAND BY mode. The changer will go to STAND BY mode automatically if the whole system is set to STAND BY mode.
- If the CD compartment was open, it will now close.
- Any programme present will be erased.
- Press any of the following buttons to cancel the STAND BY mode:  
DISC SELECT (10), PLAY/REPLAY (18), STOP/CP (17), SCAN (15), SHUFFLE (14), 0-9 (2), EDIT (21), OPEN/CLOSE (11), **◀ TRACK ▶** (16), PRES(ets) (8), INFO (5), FTS (6) or P(rogram) (3).

**TIMER**

- Using the TIMER function you can have playback of a CD (this is always the CD with the lowest number) started at a particular time; for this refer to the operating instructions of the tuner (e.g Philips Model FT930).
- **TIMER CANCELLED** will light up if there is no CD in the CD compartment at the moment playback is supposed to start or if you press any button during playback in the TIMER mode.

**MAINTENANCE****The CDs**

- Never write on the printed side of a CD.
- Do not attach any stickers to the CD.
- Keep the shiny surface of the disc clean. Use a soft lint-free cloth and always wipe the disc in a straight line from center to edge.
- Never use cleaning agents developed for conventional records.
- Detergents or abrasive cleaning agents should **not** be used either.

**The changer**

- A chamois leather, slightly moistened with water, is sufficient for cleaning the changer.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives.

**PROBLEMS AND THEIR LIKELY CAUSES**

If a problems occurs, run through the points listed below before taking your changer in for repair. Check whether:

- condensation has formed on the lens of the laser due to a dramatic change in temperature; this will disappear automatically after some time;
- the CDs have been inserted correctly with the printed side up and that there are CDs in the compartment;
- the (current) CD is dirty, badly scratched or warped;
- the changer has been connected to the PHONO jack of the amplifier.

If the problem remains, try to clear it by switching the changer off and on again.

If this also fails to help, consult your dealer or a Philips Authorized Service Center.

***Under no circumstances should you repair the changer yourself as this will invalidate the warranty!***

# LIMITED WARRANTY

English

- Philips Audio Systems**
- **Two (2) Year Carry-In Labor Warranty**
  - **Two (2) Year Carry-In Service Parts Warranty**

\* For purchases outside the U.S.A. and Canada, see applicable warranty from country of purchase.

## Replacement Parts and Service Labor:

For two (2) years from the date of purchase an Authorized Service Center will replace any part found defective and will repair any product defect without charge to you for parts or labor.

Replacement parts installed during the warranty period are warranted only for the balance of the original warranty.

## Who is protected? . . . Where?

This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A., Puerto Rico, the Virgin Islands and Canada. If you move within these areas an Authorized Service Center in your area will honor this warranty for the remainder of the original warranty period.

## What the Purchaser Must Do:

Before delivering your unit for service, check your operating instruction booklet. A slight adjustment of the customer controls discussed in your instruction booklet may save you a service call.

## Warranty Exclusions - Your Warranty Does Not Cover:

Labor charges for installation or set-up, adjustment of customer or preference controls and installation or repair of audio antenna systems outside the unit.

Product repair and/or part replacement because of mis-use, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.

Reception problems caused by signal conditions or antenna systems outside the unit.

A unit purchased, used or serviced outside the U.S.A., Puerto Rico, the Virgin Islands and Canada, or used for commercial or institutional purposes (included but not limited to products used for rental purposes).

Incidental or consequential damages resulting from the product or use of the product. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

## IMPORTANT REMINDER:

*Please fill out and mail your Warranty Registration Card promptly. It will be easier for us to notify you if it should ever be required.*

## For product purchased in the U.S.A., Puerto Rico, or the Virgin Islands

### How To Get Warranty Service:

To obtain warranty service you must deliver your unit, with evidence of the purchase date, to an Authorized Service Center (see enclosed listing) for repair if service is required during the warranty period. When repair is completed you must pick up the unit at the Service Center.

*In the U.S.A., Puerto Rico or the Virgin Islands, all implied warranties including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.*

*This warranty gives you specific legal rights, and you may have other rights which vary from state to state.*

**Philips Service Company - ☎ (615) 475-8869**  
401 East Old Andrew Johnson Highway  
Jefferson City, Tennessee, USA 37760

## For product purchased in Canada

### How To Get Warranty Service:

To obtain warranty service, the product must be delivered (carried-in) to a Philips Consumer Service Branch (see enclosed listing), Philips Self-Servicing Dealer or Authorized Service Depot.

These warranties are given in lieu of all other warranties. No other guarantees or warranties are expressed or implied, including any implied warranties of merchantability or fitness for purpose. Philips shall not be liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of same.

All that's required to validate your original factory warranty is to present your bill of sale as proof of purchase.

**Philips Electronics Ltd.**  
601 Milner Avenue  
Scarborough, Ontario, Canada M1B 1M8  
☎ (416) 292-5161

**TECHNICAL DATA****(USA)****Typical Audio Performance**

Frequency range: .....2 Hz - 20 kHz  
Amplitude linearity: .....0.03 dB (20 Hz - 20 kHz)  
Phase linearity: .....0.5° (20 Hz - 20 kHz)  
Dynamic range: .....86 dB  
Signal-to-noise ratio: .....95 dB (A-weighted)  
Channel separation: .....94 dB  
Total harmonic distortion: .....0.015%  
D/A conversion: Bitstream conversion (256 x oversampling, 1 bit), in differential mode  
Audio output level: .....2 V<sub>rms</sub>  
Impedance PHONES socket: .....8 - 1000 ohms

**Power supply**

Power voltage and frequency:  
see the type plate on the rear of the player  
Power consumption: .....10 W approx.  
Safety requirements: .....UL and CSA

**Cabinet**

Material/finish: .....metal and polystyrene with decorative trim  
Dimensions (w x h x d):  
.....17" x 4 1/8" x 14 5/8" (435 x 106 x 380 mm)  
Weight: .....15.44 lbs (7 kg) approx.

*Specifications are subject to change without notice*

**DATOS TÉCNICOS****(E)****especificaciones (nominales) de audio**

Margen de frecuencias: .....2 Hz - 20 kHz  
Linealidad de la amplitud: .....0,03 dB (20 Hz - 20 kHz)  
Linealidad de la fase: .....0,5° (20 Hz - 20 kHz)  
Margen dinámico: .....86 dB  
Relación señal/ruido: .....95 dB (A-ponderada)  
Separación de canales: .....94 dB  
Distorsión total armónica: .....0,015%  
Conversión digital/analógica:  
transformación Bitstream (transformación del conjunto de bits,  
256 x sobremuestreos, 1 bit), de forma diferencial  
Señal salida de audio: .....2 V<sub>rms</sub>  
Impedancia de la salida PHONES: .....8 - 1000 ohm

**Alimentación**

Tensión y frecuencia de red: ver la placa de tipo detrás del  
cambiador  
Consumo de potencia: .....unos 10 W  
Normas de seguridad: .....UL y CSA

**Caja**

Material/acabado: metal y poliestireno con materiales  
decorativos  
Dimensiones (an x al x pr):  
.....17" x 4 1/8" x 14 5/8" (435 x 106 x 380 mm)  
Peso: .....unos 5.44 lbs (7 kg)

*Estos datos están sujetos a cambio sin previo aviso*

**CARACTERISTIQUES TECHNIQUES****(F)****Caractéristiques audio (typiques)**

Bande passante: .....2 Hz - 20 kHz  
Linéarité d'amplitude: .....0,03 dB (20 Hz - 20 kHz)  
Linéarité de phase: .....0,5° (20 Hz - 20 kHz)  
Dynamique: .....86 dB  
Rapport signal/bruit: .....95 dB (pondéré-A)  
Séparation des voies: .....94 dB  
Distorsion harmonique totale: .....0,015%  
Conversion numérique/analogue: convertisseur Bitstream, en  
mode différentiel (256 x suréchantillonnage, 1 bit)  
Signal de sortie audio: .....2 V<sub>eff</sub>  
Impédance du casque à raccorder: .....8 - 1000 ohms

**Alimentation**

Tension d'alimentation et fréquence du secteur:  
reportez-vous à la plaquette signalétique à l'arrière du changeur  
Consommation électrique: .....env. 10 W  
Conditions de sécurité: .....UL et CSA

**Boîtier**

Matière/finition: .....métal et polystyrène avec enjoliveurs  
Dimensions (l x h x p):  
.....17" x 4 1/8" x 14 5/8" (435 x 106 x 380 mm)  
Poids: .....env. 15.44 lbs (7 kg)

*Sous réserve de modifications*







# **CDC 935**